

AMENDMENTS TO THE CLAIMS:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A switching device comprising a frame, in which an actuator and a spring means are installed,

the actuator being adapted to rotate ~~rotates~~ a main shaft of the switching device and being rotatable around an axis of rotation, ~~and spring means are installed,~~ the actuator having a 0 position, an I position and a first dead point between the 0 position and the I position, the I position being located by a given angle (α_6) in a first direction relative to the 0 position, and

~~the spring means comprising~~ being comprised of one or more working springs each ~~comprising~~ including a first end supported by the frame, and a second end, the spring means rotate the actuator, when the actuator is between the 0 position and the I position, towards the 0 position or the I position depending on which side of said first dead point the actuator is,

wherein the actuator also has a testing position, the testing position being located by a predetermined angle (β_6) in a second direction relative to the 0 position, said second direction being opposite relative to said first direction.

2. (Previously presented) A switching device as claimed in claim 1, wherein the actuator has a second dead point between the 0 position and the testing position, the spring means rotates the actuator, when the actuator is between the 0 position and the testing position, towards the 0 position or the testing position depending on which side of said second dead point the actuator is.

3. (Previously presented) A switching device as claimed in claim 2, wherein the second dead point is accomplished with bending means bending each of the working springs in a lateral direction.
4. (Currently amended) A switching device as claimed in claim 3, wherein the bending means comprise, ~~[[for]]~~ corresponding to each of the working springs, at least one supporting member provided in the frame, and at least one bending member provided in the actuator in such a manner that said at least one bending member is adapted to direct ~~directs~~ a lateral force to the second end of the corresponding one ~~each~~ of the working springs, and said supporting member is adapted to direct ~~directs~~ a lateral force between the first end and the second end of the corresponding one ~~each~~ of the working springs, the force directed by the supporting member being opposite in direction respective to the force directed by the bending member.
5. (Previously presented) A switching device as claimed in claim 1, wherein each of said working springs is a coil spring.
6. (Previously presented) A switching device as claimed in claim 5, wherein when the actuator is between the 0 position and the I position, each of said working springs acts as a compression spring.
7. (Previously presented) A switching device as claimed in claim 1, wherein the first end of each working spring is supported rotatable to the frame.
8. (Currently amended) A switching device as claimed in claim 1, wherein the actuator comprises, ~~[[for]]~~ corresponding to each of the working springs, a slot receiving the second end of each of the working springs, wherein the second end of the corresponding one ~~each~~

of the working springs is at all times in the corresponding slot when the actuator is between the 0 position and the I position.

9. (Previously presented) A switching device as claimed in claim 8, wherein the switching device is configured such that when the actuator is rotated from the 0 position towards the testing position, the second end of each of the working springs is detached from the corresponding slot, wherein when the actuator is rotated from the testing position towards the 0 position, the second end of each of the working springs enters the corresponding slot.

10. (Previously presented) A switching device as claimed in claim 1, wherein the switching device comprises a control shaft for rotating the actuator and having a 0 position, an I position and a testing position.

11. (Previously presented) A switching device as claimed in claim 10, wherein the control shaft is connected to the actuator by means of connecting means, the connecting means having a free travel, the connecting means comprising a spiral spring means.

12. (Previously presented) A switching device as claimed in claim 11, wherein the connecting means are adapted such that when the control shaft is rotated from the 0 position in the first direction by an angle (γ) corresponding to the free travel, the spiral spring means is tensioned while the actuator remains substantially in position, and when the turning angle of the control shaft exceeds the angle (γ) corresponding to the free travel in the first direction, the actuator rotates along with the control shaft until the actuator reaches the first dead point.

13. (Previously presented) A switching device as claimed in claim 1, wherein the control shaft rotates around said axis of rotation.
14. (Previously presented) A switching device as claimed in claim 2, wherein each of said working springs is a coil spring.
15. (Previously presented) A switching device as claimed in claim 3, wherein each of said working springs is a coil spring.
16. (Previously presented) A switching device as claimed in claim 4, wherein each of said working springs is a coil spring.
17. (Previously presented) A switching device as claimed in claim 14, wherein the first end of each of the working springs is supported rotatable to the frame.
18. (Currently amended) A switching device as claimed in claim 17, wherein the actuator comprises, ~~[[for]]~~ corresponding to each of the working springs, a slot receiving the second end of ~~[[each]]~~ the corresponding one of the working springs, wherein the second end of each of the working springs is at all times in the corresponding slot when the actuator is between the 0 position and the I position.
19. (Previously presented) A switching device as claimed in claim 18, wherein the switching device comprises a control shaft for rotating the actuator and having a 0 position, an I position and a testing position.
20. (Previously presented) A switching device as claimed in claim 19, wherein the control shaft is rotates around said axis of rotation.